

U.S. ENVIRONMENTAL PROTECTION AGENCY

156163

POLLUTION REPORT

DATE: July 1, 1983

Region II
Emergency Response and Hazardous
Materials Inspection Branch
Edison, N.J. 08837

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POLREP NO.: Eighteen (18)
INCIDENT NAME: Pine Valley Golf Club
SITE/SPILL NO: 242-83
POLLUTANT: Pesticides and Possibly Other Substances
CLASSIFICATION:
SOURCE: Disposal Site at Pine Valley Golf Club
LOCATION: Pine Valley, Clementon, New Jersey
AMOUNT: Uncertain
WATER BODY:

1. SITUATION:

A. The situation remains the same as May 13, 1983 report.

2. ACTION TAKEN:

A. A report discussing the significance of the amounts of residuals in the pit was submitted to EPA by TAT on July 1, 1983.

B. The laboratory results of pit samples were found to be above background levels, in general, thus the results were evaluated by:

- 1) Determining mass and relating mass to Clean Water Act -311 (b)(2)(A) standards;
- 2) Determining potential impact on aquifers through contaminant fate modelling; and
- 3) Comparing EP Toxicity data to RCRA criteria.

C. Based upon one EP Toxicity analysis, the soil and residuals in the pit are not hazardous wastes under RCRA Toxicity criteria.

D. Based upon a volume estimation of the pit and the analytical results, the residual amount of lead, in one case, and the residual amounts of lead, mercury, and arsenic, in another case, appear to be over their one pound reportable quantities established under the Clean Water Act.

E. Contaminant fate modelling could not be attempted at this time due to lack of data and uncertainties related to the original samples.

P. With an assumed situation as outlined in the report, three alternatives were developed including Removal, Reduction of Potential Impact, and No-Action Alternatives.

3 FUTURE PLANS AND RECOMMENDATIONS:


A. Evaluate this report and other factors to arrive at a decision concerning the fate of the residuals and suggested actions for the site.

B. Notify the PVGC of this decision.

CASE PENDING X

CASE CLOSED _____

SUBMITTED BY


W. Gad Tawadros, OSC
Emergency Response and
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(TAT)